

IN THE CLAIMS

Please amend the claims as follows:

1. (original) A method of representing a video image based on a video signal by means of a projector which comprises an image display device and a high-pressure gas discharge lamp, which lamp is supplied with a square-wave alternating current (I₀, I₁₀) on which a current pulse (P₁, P₃, P₁₀, P₄₀) is superimposed before each phase reversal, characterized in that the alternating current (I₀, I₁₀) is superimposed with a second current pulse (P₂, P₄, P₂₀, P₃₀, P₅₀, P₆₀) of the same polarity.
2. (original) A method as claimed in claim 1, characterized in that the current pulse (P₂, P₄, P₂₀, P₃₀, P₅₀, P₆₀) occurs periodically.
3. (original) A method as claimed in claim 1, characterized in that the current pulse (P₂, P₄, P₂₀, P₃₀, P₅₀, P₆₀) occurs aperiodically.
4. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 3~~ claim 1, characterized in that the second current pulse (P₂, P₄, P₂₀, P₃₀, P₅₀, P₆₀) has the same

contour as the current pulse (P1, P3, P10, P40) before the phase reversal.

5. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 3~~claim 1, characterized in that the current pulse (P2, P4, P20, P30, P50, P60) has a pulse duration (tP2, tP20, tP30) that can be varied.

6. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 3~~claim 1, characterized in that the current pulse (P2, P4, P20, P30, P50, P60) has an amplitude that can be varied.

7. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 6~~claim 1, characterized in that the current pulse (P2, P4, P20, P30, P50, P60) lies within a time period given by the last 80% of the total duration of a half cycle.

8. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 7~~claim 1, characterized in that the alternating current (I0, I10) is synchronized with the video signal.

9. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 8~~claim 1, characterized in that the current pulse (P1, P2, P3, P4, P10, P20, P30, P40, P50, P60) takes place during a white segment (4, 8).

10. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 8~~claim 1, characterized in that the current pulse (P1, P2, P3, P4, P10, P20, P30, P40, P50, P60) occurs during a transition (10, 11, 12, 13, 14) from one color to another.

11. (currently amended) A method as claimed in ~~any one or several of the preceding claims 1 to 7~~claim 1, characterized in that the frequency of the alternating current (I0, I10) can be varied.

12. (currently amended) A projector for a method as claimed in ~~one or several of the preceding claims 1 to 11~~claim 1.

13. (original) A projector for representing a video image based on a video signal, comprising an image display device and a high-pressure gas discharge lamp, which lamp is supplied with a square-wave alternating current (I0, I10) on which a current pulse (P1, P3, P10, P40) is superimposed before each phase reversal, characterized in that the alternating current (I0, I10) is

superimposed with a second current pulse (P2, P4, P20, P30, P50, P60) of the same polarity.